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CLAIMS

1. A biaxially oriented polyester film having a drop bag strength index of the film at 0°C of at least 2.0, and a strength at break in the film longitudinal direction at 120°C of at least 100 MPa, in which the film comprising a polyester as the main component having a primary melting point in the range of 245 to 265°C.

2. The biaxially oriented polyester film according to claim 1, wherein the thickness of the film is 5 to 40 μm .

3. The biaxially oriented polyester film according to claim 1, wherein the elastic modulus in the film longitudinal direction and the elasticity modulus in the film transversal direction are at least 3 GPa.

4. The biaxially oriented polyester film according to claim 1, comprising a total of at least five layers of layers (A layers) mainly composed of an aromatic polyester having a melting point of 245 to 265°C and layers (B layers) composed of a thermoplastic resin mixture having a melting point of 215 to 265°C, these layers being alternately stacked, wherein the thermoplastic resin mixture contained in the B layers contains 90 to 99.8 wt% of an aromatic polyester and 0.2 to 10.0 wt% of a thermoplastic resin having a glass transition temperature of 20°C or less.

5. The biaxially oriented polyester film according to

claim 4, wherein a total of nine or more of the A layers and the B layers are alternately stacked, and the average thickness of the respective layers is 0.02 to 0.5 μm .

6. The biaxially oriented polyester film according to claim 4, wherein the repeating units of the aromatic polyester contained in the A layers are 70 to 95 mol% ethylene terephthalate units and 5 to 30 mol% tetramethylene terephthalate units, and the total content of the ethylene terephthalate units and the tetramethylene terephthalate units is 90 mol% or more.

7. The biaxially oriented polyester film according to claim 4, wherein the thermoplastic resin mixture contained in the B layers contains the aromatic polyester and 0.2 to 10.0 wt% of the thermoplastic resin having a glass transition temperature of 30°C or less, the repeating units of the aromatic polyester being 20 to 90 mol% ethylene terephthalate units and 10 to 80 mol% tetramethylene terephthalate units and the total content of the ethylene terephthalate units and the tetramethylene terephthalate units being 90 mol% or more.

8. The biaxially oriented polyester film according to claim 4, wherein the ratio of the total thickness ΣT_a of the A layers to the total thickness ΣT_b of the B layers is in the range of 1 to 10.

9. The biaxially oriented polyester film according to

claim 4, wherein the difference between the melting point of the polyester constituting the A layers and the melting point of the resin mixture constituting the B layers is 10°C or less.

10. The biaxially oriented polyester film according to claim 4, wherein the outermost layers of the film are the A layers.

11. A biaxially oriented polyester film comprising the biaxially oriented polyester film according to claim 1 and a deposition layer composed of at least one metal compound selected from the group consisting of metallic aluminum, aluminum oxide, and silicon oxide, the deposition layer being provided on at least one surface of the biaxially oriented polyester film of claim 1.

12. A biaxially oriented polyester film comprising the biaxially oriented polyester film according to claim 1 and a heat sealing layer having a melting point of 100 to 230°C and being provided on at least one surface of the biaxially oriented polyester film of claim 1.